



# INDEX.

<b>A</b>	
A Chemical Ballet, . . . . .	378
Abney, Capt., on Heliochromy, . .	380
Allotropic Silver, . . . . .	233, 347, 349
Albumen Paper, De-sensitizing and Re-sensitizing, . . . . .	355
Art Side of Photography, . . . .	297
Application of Photography to Sur- veying, . . . . .	284, 306
Awards at Boston Convention, . .	322
Artists and Photographers, . . . .	225
A Hint to Photographers, . . . .	232
A Good Word for the Photographer, .	232
Arago, M., Semi-Centennial of Pho- tography, . . . . .	238
Acid in Developer, . . . . .	250
Art of Retouching, . . . . .	215
<b>B</b>	
Bedding, Printing on Uranium and Gold, . . . . .	374
Bromide Prints, Experiments with, .	376
Ballet, A Chemical, . . . . .	378
Bothamley, On Orthochromatic Pho- tography, . . . . .	341
Book Notices, . . . . .	188, 218, 255, 358,
Bogardus, A., on Mutual Benefit, .	300
Black Electric Sparks, . . . . .	304
Boston Convention, . . . . .	313
Boston Convention Awards, . . . .	322
Beach, F. C., Effect of Electricity on Dry Plates, . . . . .	130
<b>C</b>	
Composition and Selection of a sub- ject, . . . . .	137
Composition of Pictures, . . . . .	363
Cylindrograph, . . . . .	379
Camera, Genesis of, . . . . .	327
Clark, L., on Green Fog, . . . . .	342
Croughton, G. H., Art Side of Photog- raphy, . . . . .	297
Color Masking Values, . . . . .	228
Concerning the Lighting of the Sitter	236
Cincinnati Camera Club, . . . . .	254
Chemical Changes from a Modern Point of View, . . . . .	195
Collodion Emulsion, . . . . .	165
Copying, . . . . .	55
<b>D</b>	
Daylight Under Water, . . . . .	378
Dense Negatives, Reduction of, . .	261
Dark Room Illumination, . . . . .	253
Developers, Strong or Weak, . . . .	225
Development, Rational, . . . . .	249
Developer, Acid in, . . . . .	250
Diaphragm, Shape of Opening in, .	97
Developer, Hydroquinone, . . . . .	104
Dry Plates, Effect of Electricity on, .	130
Defects in Photographs, Caricatured, .	3
<b>E</b>	
Experiments in Demonology, . . . .	368
Eikonogen, . . . . .	336, 390
Electric Sparks, Black, . . . . .	304
Ethics of Photography, . . . . .	229
Eastward Ho! . . . . .	252
Emulsion, Collodion, . . . . .	165
Expression in Portraits, . . . . .	92
Exposition, Paris, . . . . .	117
Ellis, T. T., on Composition and Selection of Subject, . . . . .	137
<b>F</b>	
Flemming, John, on Silver Printing, .	369
False Rendering of Photographic Images by Misapplication of Len- ses, . . . . .	351
Figure in Landscapes and Genre, . .	99, 143
Flower Photography, . . . . .	123
<b>G</b>	
Gale, J., Natural in Photography, . .	371
Griffith, W., On Lenses, . . . . .	383



# INDEX.

<b>A</b>	
A Chemical Ballet, . . . . .	378
Abney, Capt., on Heliochromy, . .	380
Allotropic Silver, . . . . .	233, 347, 349
Albumen Paper, De-sensitizing and Re-sensitizing, . . . . .	355
Art Side of Photography, . . . .	297
Application of Photography to Sur- veying, . . . . .	284, 306
Awards at Boston Convention, . .	322
Artists and Photographers, . . . .	225
A Hint to Photographers, . . . .	232
A Good Word for the Photographer, .	232
Arago, M., Semi-Centennial of Pho- tography, . . . . .	238
Acid in Developer, . . . . .	250
Art of Retouching, . . . . .	215
<b>B</b>	
Bedding, Printing on Uranium and Gold, . . . . .	374
Bromide Prints, Experiments with, .	376
Ballet, A Chemical, . . . . .	378
Bothamley, On Orthochromatic Pho- tography, . . . . .	341
Book Notices, . . . . .	188, 218, 255, 358,
Bogardus, A., on Mutual Benefit, .	300
Black Electric Sparks, . . . . .	304
Boston Convention, . . . . .	313
Boston Convention Awards, . . . .	322
Beach, F. C., Effect of Electricity on Dry Plates, . . . . .	130
<b>C</b>	
Composition and Selection of a sub- ject, . . . . .	137
Composition of Pictures, . . . . .	363
Cylindrograph, . . . . .	379
Camera, Genesis of, . . . . .	327
Clark, L., on Green Fog, . . . . .	342
Croughton, G. H., Art Side of Photog- raphy, . . . . .	297
Color Masking Values, . . . . .	228
Concerning the Lighting of the Sitter	236
Cincinnati Camera Club, . . . . .	254
Chemical Changes from a Modern Point of View, . . . . .	195
Collodion Emulsion, . . . . .	165
Copying, . . . . .	55
<b>D</b>	
Daylight Under Water, . . . . .	378
Dense Negatives, Reduction of, . .	261
Dark Room Illumination, . . . . .	253
Developers, Strong or Weak, . . . .	225
Development, Rational, . . . . .	249
Developer, Acid in, . . . . .	250
Diaphragm, Shape of Opening in, .	97
Developer, Hydroquinone, . . . . .	104
Dry Plates, Effect of Electricity on, .	130
Defects in Photographs, Caricatured, .	3
<b>E</b>	
Experiments in Demonology, . . . .	368
Eikonogen, . . . . .	336, 390
Electric Sparks, Black, . . . . .	304
Ethics of Photography, . . . . .	229
Eastward Ho! . . . . .	252
Emulsion, Collodion, . . . . .	165
Expression in Portraits, . . . . .	92
Exposition, Paris, . . . . .	117
Ellis, T. T., on Composition and Selection of Subject, . . . . .	137
<b>F</b>	
Flemming, John, on Silver Printing, .	369
False Rendering of Photographic Images by Misapplication of Len- ses, . . . . .	351
Figure in Landscapes and Genre, . .	99, 143
Flower Photography, . . . . .	123
<b>G</b>	
Gale, J., Natural in Photography, . .	371
Griffith, W., On Lenses, . . . . .	383

Genesis of the Camera, . . . . .	327
Green Fog, . . . . .	342
Genre Photography, . . . . .	I

**H**

Halation in Interiors, . . . . .	228
Hardness in Prints, . . . . .	93
Hands, Disposition of in Portraits, .	93
Heliochromy, New Process in, . .	104
Hydroquinone Developer, Rapid, .	106

**I**

Intelligent Use of the Detective	
Camera, . . . . .	364
Illustration, Our . . . . .	262, 388
Iodine on Allotropic Silver, . . .	349
Intermittent Lightning Flashes, .	310
Improving Negatives, . . . . .	234
Interior Photography, . . . . .	191

**L**

Lenses, . . . . .	382
Literary and Business Notes,	
119, 189, 292, 323, 358, 389	
Lantern Slide Making, . . . . .	344
Lightning, Photographs of, . . . .	304
Latest Idea in Photography, . . . .	261
Line Drawings, Copying of, . . . .	288
Likeness and Portraiture, . . . .	223
Lenses, Rapid Rectilinear, . . . .	231
Lightning Flashes, Photography of,	310
Limits of Photogravure, . . . . .	175
Layman on Art in Photography, . .	182
Landscape and Genre, Figures in, .	99
Lynn Camera Club, . . . . .	151

**M**

Mutual Benefit Association, . . . .	300
Matt Borders, . . . . .	228
Military Photography, . . . . .	296
Mounting Surface of Prints, . . . .	193

**N**

Novel Method of Remedying certain	
defects in Photography, . . . .	361

**O**

Orthochromatic Photography with	
Gelatine Plates, . . . . .	337

On Ring Systems and other Curved	
Systems produced on Allotropic	
Silver by Iodine, . . . . .	347
Our Illustration, . . . . .	267
On the Absorption of the Most Re-	
frangible Rays by Atmosphere, .	157

**P**

Photogravure, Limits of, . . . . .	175
Photography, The Natural in, . . . .	371
Pin-Hole Photography, . . . . .	378
Photographic Society of Phila., 152, 169,	
212, 253, 324, 350	385
Picture, Our, . . . . .	388
Primitive Enlarging Apparatus, . .	333
Photography, Ortho-chromatic, . .	337
Photographic Incident, A, . . . . .	261
Photographing a Mirage, . . . . .	232
Prints, Mounting of, . . . . .	293
Photography Applied to Military	
Purposes, . . . . .	206
Photographic Backgrounds, . . . .	53
Plates, Quick and Slow, . . . . .	93
Photogravure Processes, . . . . .	97
Paris Exposition, Regulation of Pho-	
tographers, . . . . .	117

**R**

Reduction of Over Dense Negatives, .	261
Rapid Rectilinear Lenses and Por-	
trait Tubes, . . . . .	231
Raw, W. H., Rational Development, .	249
Reflectors, Over-dosing, . . . . .	94
Report of Board of Judges at Joint	
Exhibition, . . . . .	153

**S**

Science and Art, . . . . .	170
Slide-making, . . . . .	344
Sunderline, Composition of Pictures .	363
Sachse, J. F., Experiments in Dem-	
onology, . . . . .	368
Some Remarks on Silver Printing, . .	369
Stebbins, Introduction of Eikonogen .	379
Stereoscopic Photography, 259, 295, 334	
Surveying and Photography, . 284, 306	

Semi-Centennial Celebration of Photography, . . . . .	266		
Sodium Lamp, . . . . .	283		
Strong or Weak Developers, . . . .	228		
Skies in Photography, . . . . .	228		
Suggestiveness in Photographs, . .	228		
Slow Drying of Gelatine Negatives,	230		
Sitter, Lighting of, . . . . .	236		
Semi-Centennial of Discovery of Photography, . . . . .	238		
Scientific vs. Photographic Education, . . . . .	155		
Something New in Photo-lithography	186		
Silver Prints on rough Drawing Paper, . . . . .	187		
Some Points to be Considered in Choice of Studio, . . . . .	91		
Surface of Photographs, . . . . .	111		
Stereoscopic Photographs, . . . .	128		
Sulphites of Potassium, . . . . .	150		
Some Defects in Photographs Caricatured, . . . . .	3		
		<b>T</b>	
		Third Annual Convention P. A. of A. . . . .	205, 264
		Third Annual Joint Exhibition at Philadelphia, . . . . .	159
		Transparencies, Window, . . . .	126
		Third Annual Exhibition of Photographic Work, . . . . .	134
		<b>U</b>	
		Uranium Gold Printing, . . . . .	374
		<b>V</b>	
		Valuable Recipe, . . . . .	261
		Values Masked by Color, . . . .	288
		<b>W</b>	
		Wilkinson, H., Intelligent use of the Detective Camera, . . . . .	364
		Wallace, Likeness in Portraiture, .	223
		Walk in Health and Disease, etc., .	161
		<b>Y</b>	
		Yellow Light for Dark-room, . . .	379



